

**DECLARATION AND POWER OF ATTORNEY FOR  
PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF TRANSPARENTLY REDUCING POWER CONSUMPTION OF A HIGH-SPEED  
COMMUNICATION LINK**

the specification of which (check one)

  X   is attached hereto.  
       was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign applications(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, any foreign application for patent inventor's or plant breeder's rights certificate(s) or any PCT international application having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application(s):**

**Priority Claimed**

\_\_\_\_\_  
(Number)                      (Country)                      (MM/DD/YYYY)

\_\_\_\_ Yes    \_\_\_\_ No

**Certified Copy Attached?**

\_\_\_\_ Yes    \_\_\_\_ No

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.


John W. Henderson, Jr., Reg. No. 26,907; James H. Barksdale, Jr., Reg. No. 24,091; Thomas E. Tyson, Reg. No. 28,543; Robert M. Carwell, Reg. No. 28,499; Jeffrey S. LaBaw, Reg. No. 31,633; Douglas H. Lefevre, Reg. No. 26,193; Casimer K. Salys, Reg. No. 28,900; David A. Mims, Jr., Reg. No. 32,708; Mark E. McBurney, Reg. No. 33,114; Anthony V. England, Reg. No. 35,129; Volel Emile, Reg. No. 39,969; Leslie A. Van Leeuwen, Reg. No. 42,196; Christopher A. Hughes, Reg. No. 26,914; Stanley B. Green, Reg., No. 24,351; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Marilyn S. Dawkins, Reg. No. 31,140 and Cynthia S. Byrd, Reg. No. 39,365.

**Send correspondence to:** **Mr. Volel Emile**  
**P.O. Box 202170**  
**Austin, TX 78720-2170**

**and direct all telephone calls to:** **Mr. Volel Emile at (512) 336 1586**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**FULL NAME OF SOLE OR FIRST INVENTOR:** Juan-Antonio Carballo

**INVENTOR SIGNATURE:**  **DATE:** Sep. 25, 2002

**RESIDENCE:** 2601 Scofield Ridge Parkway, #827  
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Travis County

**CITIZENSHIP:** Spanish

**POST OFFICE ADDRESS:** Same as above

**FULL NAME OF SECOND INVENTOR:** Jeffrey L. Burns

**INVENTOR SIGNATURE:**  **DATE:** Sept. 25, 2002

**RESIDENCE:** 6203 Indian Canyon Drive  
Austin, TX 78746  
Travis County

**CITIZENSHIP:** United States

**POST OFFICE ADDRESS:** Same as above

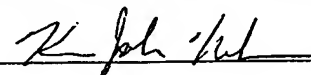
FULL NAME OF THIRD INVENTOR: Gary Dale Carpenter

INVENTOR SIGNATURE:  DATE: September 25, 2002  
9/25/2002

RESIDENCE: ~~1241 Rocky Creek Drive~~ 8204 Phanton Canyon Drive  
~~Pflugerville, TX 78660~~ Austin, TX 78726  
Travis County

CITIZENSHIP: United States  
POST OFFICE ADDRESS: Same as above

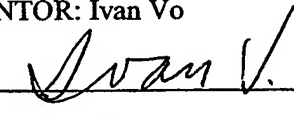
FULL NAME OF FOURTH INVENTOR: Kevin John Nowka

INVENTOR SIGNATURE:  DATE: September 24, 2002

RESIDENCE: 3952 Grayling Lane  
Round Rock, TX 78681  
Williamson County

CITIZENSHIP: United States  
POST OFFICE ADDRESS: Same as above

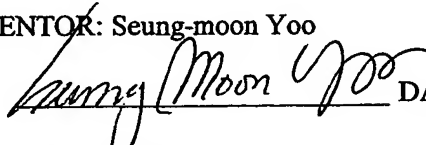
FULL NAME OF FIFTH INVENTOR: Ivan Vo

INVENTOR SIGNATURE:  DATE: 9/24/02

RESIDENCE: 13204 Fieldgate Drive  
Austin, TX 78753  
Travis County

CITIZENSHIP: United States  
POST OFFICE ADDRESS: Same as above

FULL NAME OF SIXTH INVENTOR: Seung-moon Yoo

INVENTOR SIGNATURE:  DATE: Sept 24/02

RESIDENCE: 15201 Thatcher Drive  
Austin, TX 78717  
Travis County

CITIZENSHIP: Korea  
POST OFFICE ADDRESS: Same as above

ASSIGNMENT

Whereas, we,

- |     |   |  |
|-----|---|--|
| (1) | Juan-Antonio Carballo<br>County of Travis | of Austin<br>and State of Texas  |
| (2) | Jeffrey L. Burns<br>County of Travis      | of Austin<br>and State of Texas  |
| (3) | Gary Dale Carpenter<br>County of Travis   | of <del>Pflugerville</del> <i>Austin</i> <i>doc 9/25</i><br>and State of Texas |
| (4) | Kevin John Nowka<br>County of Williamson  | of Round Rock<br>and State of Texas  |
| (5) | Ivan Vo<br>County of Travis               | of Austin<br>and State of Texas  |
| (6) | Seung-moon Yoo<br>County of Travis        | of Austin<br>and State of Texas  |

have invented certain improvements in:

METHOD OF TRANSPARENTLY REDUCING POWER CONSUMPTION OF A HIGH-SPEED  
COMMUNICATION LINK

and executed, respectively, a United States patent application therefore on:

(Date Inventor Signed Declaration) (1) Sep. 25, 2002;

(2) Sept. 25, 2002;

(3) Sept. 25, 2002;

(4) September 24, 2002;


(5) Sept. 24, 2002; and

(6) Aug/24, 2002.

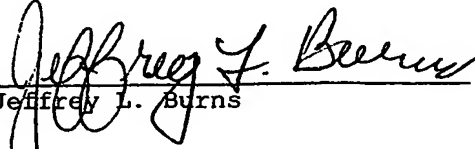
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Austin on Sep. 25, 2002.

  
\_\_\_\_\_  
Juan-Antonio Carballo

(2) Signed at Austin on Sept. 25, 2002.

  
\_\_\_\_\_  
Jeffrey L. Burns

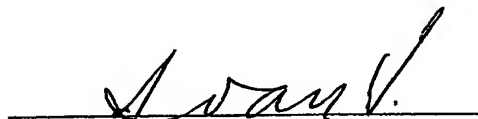
(3) Signed at Austin on Sept. 25, 2002.

  
Gary Dale Carpenter

(4) Signed at Austin on September 24, 2002.

  
Kevin John Nowka

(5) Signed at Austin on Sept. 24, 2002.

  
Ivan Vo

(6) Signed at Austin on Sept 24, 2002.

  
Seung-moon Yoo